

Product datasheet for **MG216333**

NsII (NM_198654) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	NsII
Synonyms:	4833432M17Rik; AI451597; Gm105; Gm984
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG216333 representing NM_198654
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGCTGTCTCTGAAACAGTGCTCGTCTCCGCCCGCAGGACCACGATGCCAGGCCGCTCAGACC
CTCAGGCCACGGCAGCAGACTCTCCCTAGAGGACTTCGAGTGCCTGCACCTTGAAGAGGGCGGTGAT
GGAAGTGATGGAGATGTGCGGTCGCTTCGTGCAGGAGCTCGGGCCGTGCTGCCGGAGGACGTCCGCGAG
CTCGCGCTCGGGACGCACAGTGGACATTTGAGTCGGCTGTGCAGGAGAACGTGAGCTTTAACGGACAGG
CCTGGGAGGAAGCTAAAGAGCATGGCTTAATGGATTCTGACATCAAAGTGCTTGAAGATGAATTTGATGA
GCTCATAGTAGATGTGGCAACCAAACGGAGGCAGTATCCAGAAGGATCCTTGAGAGTGTCATCAAAC
TTGAAAGCACAGCACGCGAGTCTGAAGCAGTATCACCTGTTGTACATCCTCTGGACCTGAAATGTGACC
CTGACCCAGCTTCTCGTGTAGAAGATTTGAAATGCCGCGGAGAAGCCATAGCTAAGGAAATGAGTGAGGC
CATGAAGGCTTTGCCTGTGCTAATTGAACAAGGAGAAGGCTTTTCCAGGCTTAAAGATGCGACCTGTG
ATCCAGCTACAGAGGATCAACCAGGAAGTCTTCCAGCCTCTACAGGAAAGCTGACTCCAAGCCTGACA
CACGTGTGACACACGTAGAAACACACCAGCCGAGACTGGAGCCAGGAAGGCCCTCCGACATTGTGCTAAA
GAGAAAGAAAGCCCGACTGTGCCAGAGAAAAGCGCTACCCGCTCGGGCTGCAGAGAATTAATCTCGAT
ATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



Protein Sequence: >MG216333 representing NM_198654
Red=Cloning site Green=Tags(s)

MAAVSETVLVSAPQDHAQAASDPQATAADSPLEDFRVRTLKRAVMEVMEMCGRFVQELGAVLPEDVRE
 LALRDAQWTFESAVQENVSFNGQAWEEAKEHGLMDSDIKVLEDEFDELIVDVATKRRQYPRRILESVIKT
 LKAQHASLKQYHPVVHPLDLKCDPDPASRVEDLKCRGEAIAKEMSEAMKALPVLIEQGEGFSQVLKMRPV
 IQLQRINQEVFSSLYRKADSKPDTRVTHVETTPAETGARKASDIVLKRKKAPDCAQRKRYPLRLQRINLD
 M

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_198654

ORF Size: 843 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_198654.3](#), [NP_941056.3](#)

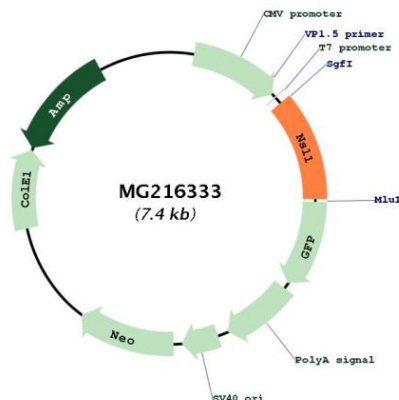
RefSeq Size: 2973 bp

RefSeq ORF: 846 bp

Locus ID: 381318

Cytogenetics: 1 H6

Product images:



Circular map for MG216333